

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/03/04

Date Received: 08/26/04

Project: Metro Self Monitor, PO# M104798, F&BI 408235

Date Extracted: 08/31/04

Date Analyzed: 08/31/04

**RESULTS FROM THE ANALYSIS OF THE WATER SAMPLE
FOR TOTAL METALS BY
INDUCTIVELY COUPLED PLASMA (ICP)
(METHOD 6010)**

Results Reported as mg/L (ppm)

<u>Sample ID</u> Laboratory ID	<u>Chromium</u>	<u>Copper</u>	<u>Nickel</u>	<u>Zinc</u>
M104798 408238-01	0.36	0.51	0.34	0.07
Method Blank	<0.05	<0.05	<0.10	<0.05

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**QUALITY ASSURANCE RESULTS
FOR TOTAL METALS BY
INDUCTIVELY COUPLED PLASMA (ICP)
(METHOD 6010)**

Laboratory Code: 408235-01 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
Chromium	mg/L (ppm)	0.36	0.38	5	0-20
Copper	mg/L (ppm)	0.51	0.52	2	0-20
Nickel	mg/L (ppm)	0.34	0.34	0	0-20
Zinc	mg/L (ppm)	0.07	0.08	13	0-20

Laboratory Code: 408235-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Chromium	mg/L (ppm)	1	0.36	93	50-150
Copper	mg/L (ppm)	1	0.51	94	50-150
Nickel	mg/L (ppm)	1	0.34	94	50-150
Zinc	mg/L (ppm)	1	0.07	102	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Chromium	mg/L (ppm)	1	102	103	70-130	1
Copper	mg/L (ppm)	1	101	102	70-130	1
Nickel	mg/L (ppm)	1	99	101	70-130	2
Zinc	mg/L (ppm)	1	100	102	70-130	2

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

September 3, 2004

DUPLICATE COPY

INVOICE # 04ACU0903-1

Accounts Payable
Alaskan Copper Works
628 South Hanford
Seattle, WA 98134

RE: Project Metro Self Monitor, PO# M104798, F&BI 408235 - Results of testing
requested by Gerry Thompson for material submitted on August 26, 2004.

1 sample analyzed for Total Chromium, Copper, Nickel and Zinc
by Method 6010B @ \$80 per sample

\$ 80.00

Amount Due

\$ 80.00

FEDERAL TAX ID # (b) (6)

408235

SAMPLE CHAIN OF CUSTODY

CM 08/26/04

BT

Send Report To Gerald Thompson
 Company Alaska Copper Works
 Address 628 S. Hancock St
 City, State, ZIP Seattle WA 98134
 Phone # 206-382-8379 Fax # 206-382-4301

SAMPLER'S (signature)

Page # _____ of _____

PROJECT NAME/NO.

PO #

Metro Self monitor

M/04/798

REMARKS

TURNAROUND TIME

☐ Standard (2 Weeks)☐ RUSH

Rush charges authorized by: _____

SAMPLE DISPOSAL

☐ Dispose after 30 days☐ Return samples☐ Will call with instructions

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	ANALYSES REQUESTED										Notes
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	C ₁ , C ₂ , M ₁ , Z ₁				
m/04798	01	8/26/04	11:30	H ₂ O	1											

Friedman & Bruya, Inc.
 3012 16th Avenue West

Seattle, WA 98119-2029

Ph. (206) 285-8282

Fax (206) 283-5044

SIGNATURE

PRINT NAME

COMPANY

DATE

TIME

Relinquished by:

Received by:

Relinquished by:

Received by:

G. Thompson

Nhan Phan

F&B

Friedman & Bruya

8/26/04 12:32

8/26/04 1

FRIEDMAN & BRUYA, INC.

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September 3, 2004

Gerry Thompson, Project Manager
Alaskan Copper Works
628 South Hanford
Seattle, WA 98134

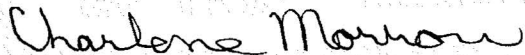
Dear Mr. Thompson:

Included are the results from the testing of material submitted on August 26, 2004 from the Metro Self Monitor, PO# M104798, F&BI 408235 project. There are 2 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Charlene Morrow
Chemist

Enclosures
ACU0903R.DOC